

WHAT IS CLAIMED IS

Sub A, >
1. An image processing apparatus comprising:

detection means for detecting the state of a resource used to output image data;

5 prediction means for predicting whether or not to abort the outputting of the image data in accordance with the state of the resource detected by said detection means;

output control means for suspending outputting of
10 the image data, if abort is predicted by said prediction means; and

storage means for storing the output image data which said output control means has suspended.

2. The apparatus according to claim 1, wherein when
15 second image data to be output exists in addition to first image data for which abort is predicted, said output means outputs the second image data preferentially to the first image data.

3. The apparatus according to claim 1, wherein said
20 output control means comprises selection means capable of selecting whether or not to suspend output image data, for which abort is predicted or forcibly perform outputting.

4. The apparatus according to claim 3, wherein said
25 instruction means capable of instructing said selection means to suspend or forcibly perform output of image

data, for which abort is predicted.

5. The apparatus according to claim 1, further comprising display means for displaying an abort prediction result by said prediction means.

5 6. The apparatus according to claim 5, wherein when output of image data is suspended, said display means displays a message indicative thereof.

7. The apparatus according to claim 1, wherein said output means comprises output cancel means for
10 cancelling output of output-suspended image data.

8. The apparatus according to claim 3, further comprising setting means capable of setting a selection result of said selection means in advance.

9. The apparatus according to claim 8, further
15 comprising verification means for verifying setting of said setting means.

10. An image processing method comprising:

a storage step of storing image data;

a detection step of detecting the state of a
20 resource used to output the image data stored in the storage step;

a prediction step of predicting whether or not to
abort the outputting of the image data in accordance
with the state of the resource detected in the
25 detection step; and

the suspension step of suspending outputting of

the image data, if abort is predicted in the prediction step.

11. An image processing method comprising:

a storage step of storing image data;

5 an abort prediction step of comparing a resource

necessary for outputting with an actual resource for

first image data to be output first out of image data

that are stored in the storage step and to be output,

and predicting whether or not to abort the outputting

10 of the first image data from the comparison result; and

an output order change step of, when abort of

output is predicted in the abort prediction step,

changing an output order so as to output the first

image data after second image data was scheduled to be

15 outputted after the first image data.

12. The method according to claim 11, wherein the

abort prediction step is performed only when image data

to be output exists in addition to the first image data,

and the first image data is directly output when no

20 image data to be output exists in addition to the first

image data.

13. A computer-readable memory comprising:

a program module of a detection step of detecting

a state of a resource used to output image data;

25 a program module of a prediction step of

predicting whether or not to abort the outputting of

the image data in accordance with the state of the resource detected in the detection step; and

a program module of an output step of suspending
outputting of the image data, if abort is predicted in
5 the prediction step.